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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/824,901	04/02/2001	Gregory Burns	MS1-095USC4	2420

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EXAMINER

RYMAN, DANIEL J

ART UNIT	PAPER NUMBER
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2665

DATE MAILED: 02/11/2004

24

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/824,901

Applicant(s)

BURNS ET AL.

Examiner

Daniel J. Ryman

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 51-63 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 51-63 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. Applicant's arguments with respect to claims 51-63 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 51-55 are rejected under 35 U.S.C. 102(e) as being anticipated by Mahany et al (USPN 5,657,317).
4. Regarding claim 51, Mahany discloses a content provider, comprising: a storage system to store content (ref. 3011: file server or ref. 4511: inventory computer) (col. 43, lines 31-59 and col. 61, line 12-col. 62, line 3); a server (data base server; ref. 3011: file server; and ref. 4511: inventory computer) connected to the storage system to serve the content to a local service provider (master roaming computing device; ref. 3007: terminal; and ref. 4513: radio terminal) which provides the content to multiple clients (col. 10, lines 50-67; col. 43, lines 31-59 and col. 61, line 12-col. 62, line 3); a network port adapted for connection to a first network (premises LAN), the server serving the content via the first network to the local service provider (col. 9, lines 36-65; col. 44, lines 4-26; and col. 61, lines 12-col. 62, line 31); and a transmitter, responsive to the server, to transmit the content over a second network (peripheral network) to

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the local service provider, the second network providing additional bandwidth so that the transmitter can serve the content to the local service provider to in an event that the content is not served via the first network within a designated time period (response times) (col. 9, lines 52-col. 10, line 18; col. 10, lines 34-49; col. 10, lines 50-67; col. 44, line 42-col. 45, line 7; col. 46, lines 1-8; and col. 61, lines 12-col. 62, line 31).

5. Regarding claim 52, referring to claim 51, Mahany discloses that the network port comprises a connector compatible with a wire-based communications network (col. 9, lines 52-col. 10, line 18; col. 10, lines 34-49; col. 10, lines 50-67; col. 44, line 42-col. 45, line 7; col. 46, lines 1-8; and col. 61, lines 12-col. 62, line 31); and the transmitter comprises a transmitter capable of transmitting signals over a wireless medium (col. 9, lines 52-col. 10, line 18; col. 10, lines 34-49; col. 10, lines 50-67; col. 44, line 42-col. 45, line 7; col. 46, lines 1-8; and col. 61, lines 12-col. 62, line 31).

6. Regarding claim 53, referring to claim 51, Mahany discloses that the server is further configured to serve the content to the local service provider in response to requests from the multiple clients (col. 9, lines 52-col. 10, line 18; col. 10, lines 34-49; col. 10, lines 50-67; col. 44, line 42-col. 45, line 7; col. 46, lines 1-8; and col. 61, lines 12-col. 62, line 31).

7. Regarding claim 54, referring to claim 51, Mahany discloses that the server is further configured to serve the content to at least one other local service provider which provides the content to multiple clients (col. 10, lines 50-67).

8. Regarding claim 55, referring to claim 51, Mahany discloses that the server is further configured to serve the content to at least one other local service provider which provides the content to multiple clients (col. 10, lines 50-67); and the transmitter is further configured to

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transmit the content over the second network to the at least one other local service provider (col. 10, lines 50-67).

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claims 56-63 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mahany et al (USPN 5,657,317).

11. Regarding claim 56, referring to claim 51, Mahany discloses that the first network is a high-speed, high-bandwidth network (col. 9, lines 52-col. 10, line 18). Mahany does not expressly disclose, but does strongly suggest, that the second network is a broadcast satellite network (col. 61, line 65-col. 62, line 3 and col. 63, lines 2-8) since Mahany discloses that the second network is wireless (col. 10, lines 19-67); that modifications to the embodiments are possible (col. 63, lines 9-13); and that a satellite link may be used to communicate information between devices (col. 10, lines 14-18; col. 61, line 65-col. 62, line 3; and col. 63, lines 2-8) where it is implicit that satellite links can communicate over great distances. Thus it would have been obvious to one of ordinary skill in the art at the time of the invention to a broadcast satellite network for the second network in order to extend the range of the of the network.

12. Regarding claim 57, Mahany discloses a content provider, comprising: a storage system to store content (ref. 3011: file server or ref. 4511: inventory computer) (col. 43, lines 31-59 and col. 61, line 12-col. 62, line 3); a server (data base server; ref. 3011: file server; and ref. 4511:

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inventory computer) connected to the storage system to serve the content to a local service provider (master roaming computing device; ref. 3007: terminal; and ref. 4513: radio terminal) which provides the content to multiple clients (col. 10, lines 50-67; col. 43, lines 31-59 and col. 61, line 12-col. 62, line 3); a high-speed, high-bandwidth network (premises LAN) to communicate the content from the server to the local service provider (col. 9, lines 36-65; col. 44, lines 4-26; and col. 61, lines 12-col. 62, line 31); and a second network (peripheral network) to communicate the content from the server to the local service provider (col. 9, lines 52-col. 10, line 18; col. 10, lines 34-49; col. 10, lines 50-67; col. 44, line 42-col. 45, line 7; col. 46, lines 1-8; and col. 61, lines 12-col. 62, line 31). Mahany does not expressly disclose, but does strongly suggest, that the second network is a broadcast satellite network (col. 61, line 65-col. 62, line 3 and col. 63, lines 2-8). Mahany discloses that the second network is wireless (col. 10, lines 19-67); that modifications to the embodiments are possible (col. 63, lines 9-13); and that a satellite link may be used to communicate information between devices (col. 10, lines 14-18; col. 61, line 65-col. 62, line 3; and col. 63, lines 2-8) where it is implicit that satellite links can communicate over great distances. Thus it would have been obvious to one of ordinary skill in the art at the time of the invention to a broadcast satellite network for the second network in order to extend the range of the of the network.

13. Regarding claim 58, referring to claim 57, Mahany suggests that the broadcast satellite network includes additional bandwidth to communicate the content from the server to the local service provider (col. 10, lines 34-49).

14. Regarding claim 59, referring to claim 57, Mahany suggests that the broadcast satellite network includes additional bandwidth to communicate a portion of the content from the server

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to the local service provider in an event that the high-speed, high-bandwidth network does not communicate the portion of the content within a designated time period (response times) (col. 10, lines 34-49).

15. Regarding claim 60, referring to claim 57, Mahany suggests that the server is further configured to serve a first portion of the content to the local service provider via the high-speed, high-bandwidth network, and serve a second portion of the content to the local service provider via the broadcast satellite network (col. 9, line 66-col. 10, line 18 and col. 10, lines 34-49).

16. Regarding claim 61, referring to claim 57, Mahany discloses that the server is further configured to serve the content to the local service provider in response to requests from the multiple clients (col. 9, lines 52-col. 10, line 18; col. 10, lines 34-49; col. 10, lines 50-67; col. 44, line 42-col. 45, line 7; col. 46, lines 1-8; and col. 61, lines 12-col. 62, line 31).

17. Regarding claim 62, referring to claim 57, Mahany discloses that the server is further configured to serve the content to at least one other local service provider which provides the content to multiple clients (col. 10, lines 50-67).

18. Regarding claim 63, referring to claim 57, Mahany suggests that the server is further configured to serve the content to at least one other local service provider which provides the content to multiple clients (col. 10, lines 50-67); and the broadcast satellite network is further configured to communicate the content from the server to the at least one other local service provider (col. 10, lines 50-67).

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel J. Ryman whose telephone number is (703)305-6970. The examiner can normally be reached on Mon.-Fri. 7:00-5:00 with every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on (703)308-6602. The fax phone number for the organization where this application or proceeding is assigned is (703)308-6743.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)305-3900.

Daniel J. Ryman
Examiner
Art Unit 2665

DR
Daniel J. Ryman


HUY D. VU
SUPERVISORY PATENT EXAMINER
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